Proposal Full View

Print

Applicant Information

Organization Name	County of Ventura *
Tax ID	**956000944**
Proposal Name	Watersheds Coalition of Ventura County Proposition 84 2011 Implementation Grant Proposal *
Proposal Objective	1. Reduce dependence on imported water: VC-RULE (R-1) reduces landscape water demand while SMP Phase 2A (C-14) conveys saline water from the Round Mountain Desalter (C-13) which allows use of saline GW in lieu of imported water. C-14 also conveys excess RW from the RW interconnection (C-15) which allows expanded beneficial reuse of RW in lieu of potable sources such as imported water. Seawater Barrier Well (SC-9) protects GW quality such that the region does not need to depend as heavily on imported water. 2. Protect, conserve, and augment water supplies: R-1 conserves water by reducing landscape irrigation, while projects C-13, C-14, C-15, SC-9, and SC-10 (Piru Tertiary Upgrade) protect/augment water supplies. 3. Protect and improve water quality: All 8 projects protect and improve water quality. R-1 reduces over-irrigation/runoff to the stormwater system. C-14 allows saline water from C-13 and C-15 to be exported to meet the TMDL in Calleguas Creek. SC-9 prevents saline GW intrusion and SC-10 assists in meeting GW objectives. The Natural Floodplain Protection Program (SC-7) reduces erosion/scour and provides treatment buffers while Ojai Meadows Ecosystem Restoration (V-5) provides erosion protection/wetlands treatment for local stormwater. 4. Protect people, property, and the environment from adverse flooding impacts: SC-7 allows the 500-year floodplain to continue performing its function while V-5 provides and protects wetland treatment/detention for flood waters. 5. Protect and restore habitat and ecosystems in our watersheds: C-14 potentially provides brackish water for wetlands restoration, while SC-7 and V-5 protect riparian habitat and ecosystems. 6. Provide water-related public access, recreational, and educational opportunities: V-5 provides bird watching, informational kiosks and volunteer opportunities while SC-7 is collaborating with University of California to establish a research station. *

Budget

Other Contribution	$0.00
Local Contribution	$19,483,451.50
Federal Contribution	$0.00
Inkind Contribution	$71,501.50
Amount Requested	$17,510,599.00 *
Total Project Cost	$37,065,552.00 *

Geographic Information

Latitude *	DD(+/-)	34	MM	28	SS	0
Longitude *	DD(+/-)	-119	MM	4	SS	59

Longitude/Latitude Clarification	Location
County	Ventura *
Ground Water Basin	Arroyo Santa Rosa Valley,Conejo,Las Posas Valley,Pleasant Valley,Santa Clara River Valley-Fillmore,Santa Clara River Valley-Mound,Santa Clara River Valley-Oxnard,Santa Clara River Valley-Piru,Santa Clara River Valley-Santa Clara River Valley East,Santa Clara River Valley-Santa Paula,Sherwood Valley,Simi Valley,Ventura River Valley-Lower Ventura River,Ventura River Valley-Upper Ventura River
Hydrologic Region	South Coast
Watershed	Ventura River Watershed, Santa Clara River Watershed, Calleguas Creek Watershed

Legislative Information

Assembly District	35th Assembly District,37th Assembly District,38th Assembly District,41st Assembly District *
Senate District	17th Senate District,19th Senate District,23rd Senate District *
US Congressional District	District 23 (CA),District 24 (CA) *

Project Information

Project Benefits Information

Project Name 1-Ventura County Regional Urban Landsca

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Use Efficiency - Conservation-Water Demand/Conservation	0	VC RULE is a demand management program designed to improve urban landscape efficiency.
Primary	Water Use Efficiency - Conservation-Best Mgt. Practices	0	VC RULE directly addresses BMP 5: Landscape Water Use Efficiency by providing irrigation surveys and retrofits to increase water use efficiency.
Primary	Agricultural Drainage-Water Quality Improvement	0	Some of the participating agencies (Camrosa) will be offering the VC RULE program to "hobby farms" within their service area in conjunction with programs currently available for agricultural water use efficiency. Improved irrigation efficiency will result in decreased runoff on these properties.
Primary	Training and Outreach	0	As water customers are targeted to participate in VC RULE, they will also be presented with additional water conservation programs available to them in their service area, especially those related to landscape water use efficiency, including proper irrigation scheduling and maintenance as well as the Water Wise Gardening in Ventura County Website.
Primary	Other-Water quality in general	0	Improved irrigation efficiency will result in decreased urban runoff, or "urban slobber" from irrigated landscapes. Reduced runoff results in improved water quality.
Secondary	Other-Water Consevation Studies	0	The data gathered from VC RULE will contribute to the limited body of information involving water conservation programs designed to reduce urban landscape water use.
Secondary	Climate Change Impacts	0	By reducing urban water demand in southern California, VC RULE will reduce the amount of State Water Project water required by participating agencies in Ventura County. A huge amount of energy is needed to transport State Water Project Water from northern California to southern California with associated climate changes impacts.

Secondary	Management Plans-IRWMP	0	VC RULE will help the WCVC meet the goals and objectives outlined in its IRWMP
Secondary	Management Plans-Conservation	0	VC RULE will help the WCVC meet the goals and objectives outlined in its IRWMP. In addition, it will help participating agencies meet the goals contained in their specific conservation planning documents, including UWMPs, Conservation Master Plans, and plans to address 20 X 2020.

Budget

Other Contribution	0
Local Contribution	320200
Federal Contribution	0
Inkind Contribution	0
Amount Requested	960599
Total Project Cost	1280799

Geographic Information

Latitude DD(+/-)	34	MM	28	SS	0
Longitude DD(+/-)	-119	MM	4	SS	59
Longitude/Latitude Clarification		Location			

County	Ventura
Ground Water Basin	Arroyo Santa Rosa Valley,Las Posas Valley,Pleasant Valley,Santa Clara River Valley-Mound,Santa Clara River Valley-Oxnard,Sherwood Valley,Simi Valley,Ventura River Valley-Lower Ventura River,Ventura River Valley-Upper Ventura River
Hydrologic Region	South Coast
WaterShed	Ventura River Watershed, Santa Clara Rive

Legislative Information

Assembly District	35th Assembly District,37th Assembly District,38th Assembly District,41st Assembly District
Senate District	17th Senate District,19th Senate District
US Congressional District	District 23 (CA),District 24 (CA)

Project Information

Project Benefits Information

Project Name: 2-Calleguas Regional Salinity Management

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Quality: Constituents -- Salinity	0	The primary purpose of the project is to export salts from the Calleguas Creek Waterhsed.
Primary	Sediment Removal-Water Supply Enhancement	0	SMP will allow brackish groundwater deslaters to be constructed by providing a means for concentrate disposal.
Primary	Water Storage -- Groundwater-Water Quality Improvement	0	Extracting low quality gw and treating it will create room in the aquifer for recharge with higher quality, lower salt storm

			water flows.
Primary	Water Storage -- Surface-Water Quality Improvement	0	Calleguas Creek is TMDL listed for a number of constituents. SMP is part of the TMDL to achieve delisting.
Primary	Water Use Efficiency - Conservation-Water Supply Enhancement	0	SMP will allow brackish gw desalters to be constructed by providing a means for concentrate disposal.
Primary	Watershed Protection-Water Quality Improvement	0	Exporting salts protects the watershed.
Primary	Other-Impaired water bodies -- improved stream reach	0	Calleguas Creek is TMDL listed for a number of constituents. SMP is part of the TMDL to achieve delisting.
Primary	Agricultural Drainage-Water Supply Enhancement	0	SMP will allow ag water users to develop desalting facilities for high quality water for high dollar value crops, providing a higher quality water supply that reduces their water demands, as it will reduce the need for large volumes of water to flush salts from the root area.
Secondary	Water Restoration	0	The resulting surface and ground water quality improvements should constitute "Water Restoration."
Secondary	Signficant Ecoystems and Natural Landscapes	0	The improvement in WQ will imiprove habitat quality.
Secondary	Ecosystem: Agricultural Lands-Prime	0	The opportunity for ag users to use higher quality water will improve the potential of ag lands.
Secondary	Ecosystem: Agricultural Lands-Other	0	The opportunity for ag users to use higher quality water will improve the potential of ag lands.
Secondary	Ecosystem: Coastal Habitat	0	The improvement in WQ will improve habitat quality.
Secondary	Ecosystem: Riparian Habitat	0	The improvement in WQ will improve habitat quality.
Secondary	Groundwater Management-Groundwater quality samples takened	0	As part of teh monitoring plan for this project, groundwater quality samples will be taken.
Secondary	Groundwater Management-Groundwater quality samples takened	0	As part of the monitoring plan for this project, groundwater quality samples will be taken.
Secondary	Water and Sediment Quality-Surface water quality samples taken	0	As part of the monitoring plan for this project, surface water quality samples will be taken.
Secondary	Water and Sediment Quality-Surface water quality samples taken	0	As part of the monitoring plan for this project, surface water quality samples will be taken.
Secondary	Other-Improved Water Supply Facilities	0	SMP will allow brackish gw desalters to be constructed by providing a means for concentrate disposal.
Secondary	Other-New Water Supply	0	SMP will allow brackish gw desalters to be constructed by

	Facilities		providing a means for concentrate disposal.
Secondary	Desalination-Water Quality Improvement	0	Brackish groundwater desalters will provide better quality water for both ag and M&I use.
Secondary	Desalination-Other	0	Facilitates groundwater dealting by providing a means for concentrate disposal.
Secondary	Desalination-Other	0	Facilitates groundwater desalting by providing a means for concentrate disposal.
Secondary	Water Storage -- Groundwater-Recharge area protected	0	Extracting low quality gw and treating it will create room in the aquifer for recharge with higher quality, lower salt storm water flows.
Secondary	Water Storage -- Groundwater-Recharge area developed	0	Extracting low quality gw and treating it will create room in the aquifer for recharge with higher quality, lower salt storm water flows.
Secondary	Agricultural Drainage-Water Quality Improvement	0	The use of higher quality irrigation water enabled by the SMP will reduce salty ag drainage.
Secondary	Climate Change Impacts	0	Using local water supplies in lieu of SWP supplies, which require energy intensive pumping, has a smaller carbon footprint.
Secondary	Other-Water quality in general	0	In addition to salinity benefits, this project is likely to also offer some removal of other constituents, including boron, chloride, and sulfate.

Budget

Other Contribution	0
Local Contribution	11250000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	3750000
Total Project Cost	15000000

Geographic Information

Latitude DD(+/-)	34	MM	10	SS	29
Longitude DD(+/-)	-119	MM	3	SS	5
Longitude/Latitude Clarification		Location			

County	Ventura
Ground Water Basin	Pleasant Valley
Hydrologic Region	South Coast
WaterShed	Calleguas Creek Watershed

Legislative Information

Assembly District	38th Assembly District,41st Assembly District
Senate District	19th Senate District
US Congressional District	District 23 (CA),District 24 (CA)

Project Information

Project Benefits Information

Project Name 4-Camrosa/CamSan Recycled Water Inter

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Quality: Constituents -- Salinity	0	6.75 mgd of recycled water will be reused and not be discharged into surface waters. Salts accumulation in the watershed will be decreased.
Primary	Other-Improved Water Supply Facilities	0	6.75 mgd of recycled water will be reused and not be discharged into surface waters. Salts accumulation in the watershed will be decreasedsome of the future recycled water users currently get some of their supply from potable sources. This project would reduce the demand for potable sources..
Primary	Water Use Efficiency - Best Mgt. Practices-Water Supply Enhancement	0	6.75 mgd of recycled water will be reused and not be discharged into surface waters. Salts accumulation in the watershed will be decreasedsome of the future recycled water users currently get some of their supply from potable sources. This project would reduce the demand for potable sources..
Primary	Water Use Efficiency - Conservation-Water Supply Enhancement	0	6.75 mgd of recycled water will be reused and not be discharged into surface waters. Salts accumulation in the watershed will be decreasedsome of the future recycled water users currently get some of their supply from potable sources. This project would reduce the demand for potable sources..
Primary	Water Use Efficiency - Conservation-Water Demand/Conservation	0	6.75 mgd of recycled water will be reused and not be discharged into surface waters. Salts accumulation in the watershed will be decreasedsome of the future recycled water users currently get some of their supply from potable sources. This project would reduce the demand for potable sources..
Primary	Water Use Efficiency - Recycling-Water Supply Enhancement	0	This project will deliver recycled water to new users.
Primary	Water Use Efficiency - Recycling-Land Irrigated	0	This project would deliver recycled water to new users, possibly including irrigated agriculture.

Primary	Watershed Protection-Water Quality Improvement	0	6.75 mgd of recycled water will be reused and not be discharged into surface waters. Salts accumulation in the watershed will be decreased.
Secondary	Water and Sediment Quality-Surface water quality samples taken	0	6.75 mgd of recycled water will be reused and not be discharged into surface waters. Salts accumulation in the watershed will be decreased.
Secondary	Water and Sediment Quality-Other	0	Less nutrients/algae growth potential will be present once 6.75 mgd of recycled water is applied on land and not discharged into the creek.
Secondary	Water Quality: Constituents -- Dissolved Organic Carbon	0	6.75 mgd of recycled water will be reused and not be discharged into surface waters. Salts accumulation in the watershed will be decreased.
Secondary	Water Quality: Constituents -- Mercury	0	6.75 mgd of recycled water will be reused and not be discharged into surface waters. Salts accumulation in the watershed will be decreased.

Budget

Other Contribution	0
Local Contribution	2750000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	2750000
Total Project Cost	5500004

Geographic Information

Latitude DD(+/-)	34	MM	10	SS	53
Longitude DD(+/-)	-119	MM	2	SS	9
Longitude/Latitude Clarification		Location			

County	Ventura
Ground Water Basin	Pleasant Valley
Hydrologic Region	South Coast
WaterShed	Calleguas Creek Watershed

Legislative Information

Assembly District	41st Assembly District
Senate District	19th Senate District
US Congressional District	District 24 (CA)

Project Information

Project Benefits Information

Project Name: 7-Natural Flood Plain Protection Program (

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Flood Control/Protection Corridor	0	Project key activity is floodplain protection.
Primary	Threatened or Endangered Species Recovery	0	Up to 18 T/E species will benefit from habitat preservation.
Primary	Wildlife Corridor/Habitat Linkage	0	River provides habitat to aquatic, avian and terrestrial species.
Primary	Working Land/Farmland Conservancy	0	High quality ag land will be preserved
Primary	Flood Protection	0	Project key activity is floodplain protection.
Primary	Signficant Ecoystems and Natural Landscapes	0	Key important riparian and aquatic habitat will be conserved.
Primary	Ecosystem: Agricultural Lands-Prime	0	High quality ag land will be preserved
Primary	Ecosystem: Agricultural Lands-Other	0	High quality ag land will be preserved
Primary	Ecosystem: Lowland Floodplains and Bypassess	0	Project will protect floodplain.
Primary	Ecosystem: Riparian Habitat	0	Key important riparian and aquatic habitat will be conserved.
Primary	Ecosystem: Shallow Water/ Marsh/ Wetland Habitat	0	Key important riparian and aquatic habitat will be conserved.
Primary	Erosion Control-Land Erosion	0	Project will prevent increased flow & volume reducing potential erosion.
Primary	Fisheries	0	Santa Clara River contains key population of endangered steelhead salmon.
Primary	Other-Environmental Restoration	0	An existing habitat conservation project on river will benefit from continued natural flooding.
Primary	Fish Passage/Screens	0	
Primary	Stormwater Flood-Water Supply Enhancement	0	Water/land surface (floodplain) contact is protected and permits stormwater percolation.
Primary	Watershed Protection-Streams or shoreline protected	0	Floodplain preservation prevents downstream erosion.
Primary	Watershed Protection-Streams or shoreline protected	0	Floodplain preservation prevents downstream erosion.
Primary	Watershed Protection-Other	0	Preservation of natural river hydrologic system
Primary	Other-Pilot Projects	0	Project will serve as a pilot for rest of county and So. Cal.

Primary	Climate Change Impacts	0	Maintains floodplain to absorb increased flows due to CC.
Secondary	Public Access/Recreation	0	Project will preserve natural river channel and future education/Rec. opportunities.
Secondary	Land Restoration	0	Project will support future habitat restoration along river.
Secondary	River Channel Restoration	0	
Secondary	Interpretive Enhancements-General Public Recreation	0	Project will preserve natural river channel and future education/Rec. opportunities.
Secondary	Interpretive Enhancements-Educational	0	Project will preserve natural river channel and future education/Rec. opportunities.
Secondary	Demonstration/Interpretive Programs	0	Project will preserve natural river channel and future education/Rec. opportunities.
Secondary	New/Improved Public Access (other than coastal)	0	Project will preserve natural river channel and future education/Rec. opportunities.
Secondary	Other-Educational	0	Project will preserve natural river channel and future education/Rec. opportunities.
Secondary	Groundwater Management-Other	0	Water/land surface (floodplain) contact is protected with this project.
Secondary	Water and Sediment Quality-Surface water quality samples taken	0	Less flows into surface water reduces scouring of sediment.
Secondary	Water and Sediment Quality-Other	0	Maintaining riparian buffer will provide filtration of runoff (sediment and nutrients).
Secondary	Sediment Removal-Amount removed	0	Maintaining riparian buffer will provide filtration of runoff (sediment and nutrients).
Secondary	Water Storage -- Conjunctive-Water Supply Enhancement	0	Application of recycled water on land would allow recharge of groundwater wherever the water is applied.
Secondary	Water Storage -- Conjunctive-Other	0	Application of recycled water on land would allow the recharge of groundwater wherever water is applied.
Secondary	Water Storage -- Groundwater-Recharge area	0	Water/land surface (floodplain) contact is protected with

	protected		this project.
Secondary	Agricultural Drainage-Water Supply Enhancement	0	Ag drainage quality is improved by riparian filtering before entering river.
Secondary	Agricultural Drainage-Water Quality Improvement	0	Ag drainage quality is improved by riparian filtering before entering river.
Secondary	Watershed Coordination	0	Project is coordinated between Flood protection, habitat, and agricultural interests.
Secondary	Other-Water quality in general	0	Maintaining riparian buffer will provide filtration of runoff (sediment and nutrients).

Budget

Other Contribution	0
Local Contribution	1507500
Federal Contribution	0
Inkind Contribution	0
Amount Requested	3000000
Total Project Cost	4507500

Geographic Information

Latitude DD(+/-)	34	MM	22	SS	12
Longitude DD(+/-)	-118	MM	59	SS	28
Longitude/Latitude Clarification		Location			

County	Ventura
Ground Water Basin	Santa Clara River Valley-Fillmore,Santa Clara River Valley-Mound,Santa Clara River Valley-Oxnard,Santa Clara River Valley-Piru,Santa Clara River Valley-Santa Clara River Valley East,Santa Clara River Valley-Santa Paula
Hydrologic Region	South Coast
WaterShed	Santa Clara River Watershed

Legislative Information

Assembly District	35th Assembly District,37th Assembly District
Senate District	17th Senate District,19th Senate District
US Congressional District	District 23 (CA),District 24 (CA)

Project Information

Project Benefits Information

Project Name: 3-Round Mountain Desalter (Round Mtn D

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Restoration	0	An existing abandoned brackish water supply will be retuned to beneficial use through reverse osmosis.
	Water Quality:		Brackish Groundwater will be desalinated using reverse osmosis and placed into

Primary	Constituents -- Salinity	0	Potable distribution system. Salts will be discharged into Calleguas SMP for eventual disposal through an ocean outfall
Primary	Other-Improved Water Supply Facilities	0	Cosntruction of the desalter will provide a "second source" of supply to support development of CSUCI. Existing facilities are inadequate for reliable water delivery at full-buildout.
Primary	Other-New Water Supply Facilities	0	Development of an existing abandonded well and construction of a desalter will expand the ability of the District to use local resources to meet demand.
Primary	Desalination-Water Supply Enhancement	0	Brackish Groundwater will be desalinated using reverse osmosis and placed into Potable distribution system. Salts will be discharged into Calleguas SMP for eventual disposal through an ocean outfall
Primary	Desalination-Water Quality Improvement	0	Brackish Groundwater will be desalinated using reverse osmosis and placed into Potable distribution system. Salts will be discharged into Calleguas SMP for eventual disposal through an ocean outfall
Primary	Water Use Efficiency - Conservation-Water Supply Enhancement	1000	Will reduce 1000 AFY SWP
Secondary	Water Storage -- Groundwater-Water Quality Improvement	0	Extracting low quality groundwater and treatment will create room in the aquifer for recharge with higher quality, lower salt storm water flows
Secondary	Watershed Protection-Water Quality Improvement	0	Withdrawal of brackish groundwater will make storage available in the aquifer for replenishment with higher quality storm water runoff.
Secondary	Climate Change Impacts	0	Using local water supplies require less energy intensive pumping and smaller carbon footprint than SWP.
Secondary	Emergency Response	0	Development of local resources provide reliable backup to water interruptions of SWP water delivery system.

Budget

Other Contribution	0
Local Contribution	2667600
Federal Contribution	0
Inkind Contribution	46200
Amount Requested	2300000
Total Project Cost	5013800

Geographic Information

Latitude DD(+/-) 34 MM 9 SS 52

Longitude DD(+/-)	-119	MM	3	SS	8
Longitude/Latitude Clarification		Location			

County	Ventura
Ground Water Basin	
Hydrologic Region	South Coast
WaterShed	Calleguas Creek Watershed

Legislative Information

Assembly District	41st Assembly District
Senate District	19th Senate District
US Congressional District	District 24 (CA)

Project Information

Project Benefits Information

Project Name: 5-Seawater Barrier Pilot Well (Seawater B

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Restoration	0	Injecting water into the lower aquifer system near the coast will offset seawater intrusion on a one for one basis. In the ultimate program, wells that are no longer suitable for drinking water supply will be restored to drinking water quality.
Primary	Ecosystem: Agricultural Lands-Prime	0	Injecting water into the well will increase the supply of water to the eastern/southern parts of the aquifer system, helping to sustain agriculture on prime ag lands.
Primary	Groundwater Management-Monitoring wells installed	0	Additional groundwater montoring wells will be constructed as part of the pilot well program.
Primary	Groundwater Management-Groundwater quality samples takened	0	An aggressive water quality monitoring program will be implemented to support the pilot program.
Primary	Groundwater Management-Flow measurements performed	0	Amounts and flows of water injected into the aquifer will be recorded on a daily basis, along with amounts used for backwashing.
Primary	Groundwater Management-Water level measurements taken	0	Extensive groundwater level measurements will be taken from nearby wells during the pilot program.
Primary	Groundwater Management-Geophysical tests performed	0	After the pilot well is drilled, geophysical data will be collected from the well and used to support geophysical data analysis.
Primary	Water Quality: Constituents -- Salinity	0	Injecting water into the lower aquifer system near the coast will offset seawater intrusion on a one for one basis.
Primary	Water Storage -- Groundwater-Water Supply Enhancement	0	Water injected into the pilot well increases the water supply in the eastern part of the Oxnard Plain on a one-for-one basis.
			Injecting water into the lower aquifer system near the coast

Primary	Water Storage -- Groundwater-Water Quality Improvement	0	will offset seawater intrusion on a one for one basis. In the ultimate program, wells that are no longer suitable as a drinking water supply will be restored to drinking water quality.
Primary	Water Storage -- Groundwater-Recharge area developed	0	The seawater barrier pilot well will test and allow the development of a new recharge area near the coast along Hueneme Road.
Primary	Other-Groundwater Studies	0	Data collected during the pilot program will support future groundwater studies of a full-scale seawater intrusion barrier.
Primary	Other-Pilot Projects	0	The seawater barrier pilot well provides a pilot test of the injection of potable water in support of a future full scale barrier project
Primary	Modeling-Groundwater modeling developed or improved	0	The data collected as part of the pilot program will support development of a groundwater model to be used to evaluate the travel time for recycled water recharged underground in the future.
Secondary	Agricultural Drainage-Water Supply Enhancement	0	Recharging the aquifers will sustain the water supply to agriculture, along with related ancillary benefits, including drainage water supply enhancement. Agricultural drainage, though not used directly on farms, benefits the estuary and water bodies near the coast.
Secondary	Agricultural Drainage-Water Quality Improvement	0	Once recycled water is injected into the seawater barrier wellfield, water quality of agricultural irrigation water will improve, along with a commensurate improvement in the quality of agricultural drainage water.
Secondary	Other-Water quality in general	0	Upon conclusion of the pilot program, future injection of high quality recycled water (less than TDS of 30 ppm) into the aquifers will improve groundwater quality.

Budget

Other Contribution	0
Local Contribution	585000
Federal Contribution	0
Inkind Contribution	65000
Amount Requested	500000
Total Project Cost	1150000

Geographic Information

Latitude DD(+/-)	34	MM	8	SS	49
Longitude DD(+/-)	-119	MM	7	SS	54
Longitude/Latitude Clarification		Location			

County	Ventura
Ground Water Basin	Santa Clara River Valley-Oxnard
Hydrologic Region	South Coast

	Santa Clara River Watershed

Legislative Information

Assembly District	41st Assembly District
Senate District	19th Senate District
US Congressional District	District 24 (CA)

Project Information

Project Benefits Information

Project Name: 6-Piru Treatment Plant Tertiary Upgrade (F

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Quality: Constituents -- Salinity	0	Tertiary Treatment Filter and Disinfection added to enhance water quality and salinity management.
Primary	Water Quality Infrastructure-Improved wastewater treatment plant	0	Tertiary Treatment Filter and Disinfection added to enhance water quality and salinity management.
Primary	Water Use Efficiency - Best Mgt. Practices-Other	0	Recycles 0.5 MGD Wastewater for Irrigation thus maximizing local water resources.
Primary	Water Use Efficiency - Conservation-Water Supply Enhancement	0	Tertiary Treatment will prove water quality as it relates to salinity management.
Primary	Water Use Efficiency - Conservation-Water Demand/Conservation	0	Recycles 0.5 MGD Wastewater for Irrigation thus maximizing local water supply.
Primary	Water Use Efficiency - Recycling-Water Quality Improvement	0	Technology meet Title 22 requirement for CCR compliance.
Primary	Water Use Efficiency - Recycling-Land Irrigated	0	Provides water for neighboring nursery and citrus thus maximizes local water resources.

Budget

Other Contribution	0
Local Contribution	236841
Federal Contribution	0
Inkind Contribution	0
Amount Requested	3750000
Total Project Cost	3986841

Geographic Information

Latitude DD(+/-)	34	MM	24	SS	3
Longitude DD(+/-)	-118	MM	49	SS	33
Longitude/Latitude Clarification		Location			

County	Ventura
Ground Water Basin	Santa Clara River Valley-Piru
Hydrologic Region	South Coast

WaterShed	Santa Clara River

Legislative Information

Assembly District	37th Assembly District
Senate District	17th Senate District
US Congressional District	District 24 (CA)

Project Information

Project Benefits Information

Project Name: 8-Ojai Meadows Ecosystem Restoration Final Pha

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Oak Woodlands	0	The Oak savanna habitats installed for the project will expand these habitat types.
Primary	Public Access/Recreation	0	The site is open to the public and used for access to schools and shopping.
Primary	Rangeland, Grazing Land, and Grasslands-Other	0	Project creates 41 acres of new native grasslands
Primary	Flood Protection	0	The project site serves to accept floodwaters from Highway 33 and has reduced flooding on the highway.
Primary	Land Restoration	0	This is a restoration project for native oak savannas and grasslands.
Primary	Rangeland, Grazing Land, and Grasslands	0	Plants installed along the waterways create new cottonwood Riparian Habitat.
Primary	Signficant Ecoystems and Natural Landscapes	0	Project creates an integrated set of habitats that together form an integrated ecosystem.
Primary	Ecosystem: Riparian Habitat	0	This project creates additional riparian habitat
Primary	Ecosystem: Shallow Water/ Marsh/ Wetland Habitat	0	Plants installed in waterways will reduce evaporation and maintain wetted channel bottoms that function as freshwater marshes.
Primary	Eradication/Treatment of Invasive Species	0	Establishing native grasslands will incolved the removal of non-native plants including annual grasses and forbes, and some perenial species.
Primary	Erosion Control-Bank Restoration/Stabilization	0	The project involves installation and management of native vegetation along channel banks to prevent erosion.
			The project involves

Primary	Erosion Control-River Channel Restoration	0	installation and management of native vegetation along channel banks to prevent erosion.
Primary	Erosion Control-Land Erosion	0	The project involves restoration of native grasslands that will reduce erosion from the site
Primary	Urban Greening	0	The site is located in an area adjacent to developed areas. The trees will enhance the appeal of the site and the surrounding areas with shade and greenery.
Primary	Interpretive Enhancements-General Public Recreation	0	The site is open to the public for passive recreation such as observing nature. Educational signage funded from another program enhances the educational values on site.
Primary	Interpretive Enhancements-Educational	0	The site is open to the public for passive recreation such as observing nature. Educational signage funded from another program enhances the educational values on site.
Primary	Sediment Removal-Water Quality Improvement	0	Native grasses and forbes will filter run-off and trap sediment prior to deposition in a water body.
Primary	Stormwater Flood-Water Quality Improvement	0	The site receives stormwater from 3 sources and filters the water for nutrients and sediment. Bacteria will also dessicate on the site.
Primary	Watershed Protection-Water Quality Improvement	0	Reduced erosion and trapping / sequestering sediments from stormwater. Nutrients from stormwater metabolized by vegetation.
Primary	Climate Change Impacts	0	The native plants installed for the project will sequester substantial amounts of carbon in the biomass. Grasslands are particularly effective as carbon sinks.
Primary	Subsidence Reversal/Carbon Sequestration	0	The native plants installed for the project will sequester substantial amounts of carbon in the biomass. Grasslands are particularly effective as carbon sinks.
Primary	Other-Water quality in general	0	Reduced erosion and trapping / sequestering sediments from stormwater

Secondary	Rangeland, Grazing Land, and Grasslands-Freshwater Emergent Wetland	0	Native vegetation planted will reduce sediment transport to adjacent emergent wetlands.
Secondary	Wildlife Corridor/Habitat Linkage	0	The protected land and project site is adjacent to known wildlife corridors.
Secondary	Threatened or Endangered Species Recovery	0	The habitats created will be supportive of the recovery of CA red-legged frogs.
Secondary	Fisheries	0	Project will improve the quality of water entering the Ventura River, home to the endangered Steelhead
Secondary	Other-Cultural/Historic Site Preservation	0	The site was once the location of a historic school. A historic marker is being planned for the site as part of another project. The restoration work will enhance the experience of visitors to the marker
Secondary	Water Use Efficiency - Conservation-Water Demand/Conservation	0	Protected land eliminates potential land uses that could use more water.
Secondary	Watershed Protection-Land Protected	0	Land is already protected.
Secondary	Other-Impaired water bodies -- improved stream reach	0	Improves the quality of water leaving the site and entering the Ventura River. Pollutants removed address listed impairments in the Ventura River.
Secondary	Other-Impaired water bodies -- improved water body	0	Improves the quality of water leaving the site and entering the Ventura River. Pollutants removed address listed impairments in the Ventura River.
Secondary	Training and Outreach	0	Much of the work will be done by trained volunteers from the community. The applicant will supply training to volunteers.
Secondary	Emergency Response	0	The project has reduced flooding on Hwy 33 and prevented historic road closures (3 times/yr) allowing full access to the adjacent High School, which is also an emergency center.

Budget

Other Contribution	0
Local Contribution	120111.50
Federal Contribution	0

Inkind Contribution	6501.50
Amount Requested	500000
Total Project Cost	626613

Geographic Information

Latitude DD(+/-)	34	MM	26	SS	34
Longitude DD(+/-)	-119	MM	16	SS	12
Longitude/Latitude Clarification		Location			

County	Ventura
Ground Water Basin	Ventura River Valley-Upper Ventura River
Hydrologic Region	South Coast
WaterShed	Ventura River Watershed

Legislative Information

Assembly District	37th Assembly District
Senate District	19th Senate District
US Congressional District	District 24 (CA)

Section : Applicant Information and Question's Tab

APPLICANT INFORMATION AND QUESTION'S TAB

Q1. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles or types. Please note which projects, if any, directly address a critical water supply or water quality issue for a DAC or Native American Tribal communities.

The Watersheds Coalition of Ventura County has assembled the following eight projects for inclusion in the Proposition 84 2011 Implementation Grant Proposal. Each project name and number is followed by a brief abstract describing the project. 1. Ventura County Regional Urban Landscape Efficiency (VC-RULE) (R-1) ??? VC-RULE is a partnership of nine agencies seeking to optimize irrigation practices and systems in the region by implementing landscape water use efficiency audits and improvements. This will translate to water savings and increased water supply reliability for Ventura County. 2. Calleguas Municipal Water District???s Salinity Management Pipeline (SMP) Phase 2A (C-14) - Phase 2A of the SMP will extend the existing regional pipeline for collection and transfer of salty water by an additional 12,000 linear feet, allowing for concentrate discharge from potential future agricultural desalters and wet season discharge from the CamSan/Camrosa Recycled Water Interconnection (C-15) described below. 3. Camrosa Water District???s (Camrosa) Round Mountain Desalter (C-13) - Round Mountain Desalter will treat local brackish groundwater using reverse osmosis technology to provide up to 1 million gallons per day (mgd) of a new source of potable water, improve local supply reliability, and reduce Camrosa???s purchases of imported water by approximately 10 percent. Saline concentrate from the Round Mountain Desalter will be discharged to the SMP. 4. Camarillo Sanitary District (CamSan)/Camrosa Recycled Water Interconnection (C-15) - The Recycled Water Interconnection will be 9,600 feet of 24-inch pipeline to link CamSan???s water reclamation plant to the Camrosa storage ponds and the Calleguas SMP. This will allow up to 6.75 mgd of recycled water to be distributed to CamSan and Camrosa???s customers from both the pipeline and the storage ponds and allow recycled water to be discharged to the SMP when there is no irrigation demand to export the salts from the Watershed. 5. United Water Conservation District ???s (UWCD) Seawater Barrier Pilot Well (SC-9) - The approximately 1,200 feet deep Seawater Barrier Pilot Well will be installed to gain valuable information regarding aquifer effects and benefits through injection of up to 1,000 gallons per minute of potable water for up to 5 years. Additional wells may be added in the future to provide additional barriers to seawater intrusion through injection of potable and/or recycled water treated with reverse osmosis. 6. Ventura County Waterworks District No. 16 Piru Treatment Plant Tertiary Upgrade Project (SC-10) - The Piru Treatment Plant Tertiary Upgrade will provide additional tertiary treatment such that the recycled water is suitable for reuse for irrigation. The new system will eliminate the need for the existing percolation ponds to comply with Regional Water Quality Control Board groundwater quality mandates. This project directly addresses a critical water supply and water quality issue for a DAC. 7. The Nature Conservancy???s Natural Floodplain Protection Program (NFPP) (SC-7) - Implementation of the NFPP will preserve a critical section of the remaining undeveloped 500-year floodplain in the Santa Clara River Watershed by acquiring property easements to preclude development. Acquisition of these easements will provide downstream flood benefits by allowing flooding to continue to occur upstream in the Watershed. 8. Ojai Valley Land Conservancy Ojai Meadows Ecosystem Restoration (V-5) - Ojai Meadows Ecosystem Restoration will remove non-native species and revegetate 41 acres of upland and transitional habitats in the Ojai Meadows Preserve for improved wildlife habitat. The restoration will also stabilize lands that drain to the wetlands that were developed in the prior phase of the project.

Q2. PROJECT DIRECTOR

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Susan Hughes, Deputy Executive Officer, CEO???s Office, County of Ventura, 800 S. Victoria Ave, Ventura, CA 93009, Susan.Hughes@ventura.org, 805-654-3836

Q3. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Kristine McCaffrey, Manager of Engineering, Calleguas Municipal Water District, 2100 Olsen Rd. Thousand Oaks, CA 91360-6800, KMcCaffrey@calleguas.com, 805-579-7173

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.

County of Ventura 800 S. Victoria Ave, Ventura, CA 93009

Q5. ADDITIONAL INFORAMTION

Provide the funding area(s) in which projects are located.

http://www.water.ca.gov/irwm/integregio_fundingarea.cfm

The projects are located in the Los Angeles Sub-Region.

Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.
http://www.waterboards.ca.gov/waterboards_map.shtml

Regional Water Quality Control Board - Los Angeles Region

Q7. ELIGIBILITY

Proposition 84 requires a minimum funding match of 25% of total project cost unless there is a DAC project included in the proposal. Requirements for DAC funding match reductions are included in Exhibit G of this PSP. If your matching funds are less than 25%, please explain.

The WCVC Proposition 84 2011 Implementation Grant Proposal proposes a funding match of 53%, which is greater than the required 25% minimum funding match.

Q8. ELIGIBILITY

Does the application represent a single application from an IRWM Region approved in the RAP (see Section II.B, Table 1)? If yes, include the name of the IRWM Region. If not, explain.

This application represents a single application from the Watersheds Coalition of Ventura County planning region that was approved in the RAP.

Q9. ELIGIBILITY

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?

a) ☑ Yes
b) ☐ No

Q10. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q11 and Q12.

The Urban Water Suppliers that will receive funding from the proposed grant are: City of Oxnard, Calleguas Municipal Water District, Camrosa Water District, and United Water Conservation District. AB 1420 forms and self certification meter compliance forms with CWC ??525 with original signatures for all four agencies were submitted on December 7, 2010 and December 16, 2010 respectively. Copies are provided as Attachment 13 to this Proposal.

Q11. ELIGIBILITY

Have all of the urban water suppliers, listed in Q10 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q10, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

As discussed in Attachment 1 ??? Eligibility to this grant Proposal, the Urban Water Suppliers (UWS) of City of Oxnard (Oxnard), Calleguas Municipal Water District (Calleguas), Camrosa Water District (Camrosa), and United Water Conservation District (UWCD) all have submitted 2005 UWMPs to DWR that have been deemed complete. Oxnard???s 2005 UWMP was deemed complete by DWR on February 27, 2007; Calleguas??? 2005 UWMP was deemed complete on September 6, 2006; Camrosa???s 2005 UWMP was deemed complete on June 26, 2009; and UWCD???s 2005 UWMP was deemed complete on November 18, 2008. All of the UWS listed above, as well as any that will meet the definition threshold for the first time, will submit updated 2010 UWMPs to DWR by the regulatory deadline. The UWS understand that the UWMPs must be verified as complete by DWR before the execution of the grant agreement, and the UWS understand that they cannot control the timing of that verification process since that is dependent on DWR review

Q12. ELIGIBILITY

Have any urban water suppliers listed in Q10 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

The only Urban Water Supplier (UWS) that has recently submitted AB1420 compliance tables and supporting documentation to DWR for a different grant program was the United Water Conservation District (UWCD) for the Proposition 84 Integrated Regional Water Management Planning Grant Program. UWCD received a letter dated November 22, 2010 from DWR that noted: ???Based on DWR???s review of the information in Tables 1 and 2, the UWCD has and is currently implementing the BMPs consistent with AB1420 and, therefore, is eligible to receive water management grant or loan funds.??? As indicated in the response to Q10, the other UWS of City of Oxnard, Calleguas Municipal Water District, and Camrosa Water District have already submitted their AB 1420 compliance tables to DWR for review and both Calleguas and Oxnard have received their letters from DWR indicating that the two agencies are also in compliance.

Q13. ELIGIBILITY

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

The Proposal includes the United Water Conservation District ???s (UWCD) Seawater Barrier Pilot Well (SC-9), which is for groundwater recharge to prevent salinity intrusion; the Camrosa Water District???s (Camrosa) Round Mountain Desalter (C-13) that extracts and treats brackish groundwater for potable supply; and the Calleguas Municipal Water District???s Salinity Management Pipeline (SMP) Phase 2A (C-14) that provides for disposal of saline concentrate from brackish groundwater desalters and wet season disposal of recycled water from the Camarillo Sanitary District (CamSan)/Camrosa Recycled Water Interconnection (C-15). The SMP results in the reduction of the overall salts in the groundwater basins within the Calleguas Creek Watershed. The Ventura County Waterworks District No. 16 Piru Treatment Plant Tertiary Upgrade Project (SC-10) will eliminate discharge to a wastewater percolation pond allowing the RWQCB mandated groundwater quality objectives to be met. The other three projects in the Proposal have less significant groundwater benefits, but overlie groundwater basins that are managed as discussed in Q14 below.

Q14. ELIGIBILITY

For the agency(ies) listed in Q13, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section III.B of the Grant Guidelines?

The agencies listed in Q13 include the United Water Conservation District (UWCD), Camrosa Water District (Camrosa), Calleguas Municipal Water District (Calleguas), and Camarillo Sanitary District (CamSan). The UWCD, Calleguas, and CamSan projects overlie DWR-identified groundwater basins managed by the Fox Canyon Groundwater Management Agency (FCGMA) that has adopted and is implementing a Groundwater Management Plan that can be found as Exhibit 1-2 to Attachment 1. The Ventura County Waterworks District No. 16 Piru Treatment Plant Tertiary Upgrade Project (SC-10) overlies the Piru groundwater basin which is managed by UWCD under the Piru/Fillmore Groundwater Management Plan, which can be found as Exhibit 1-4 to Attachment 1. The Camrosa project (C-13) overlies a brackish groundwater basin that is not identified by DWR and as such, would not require a GWMP. However, Camrosa has collected and will continue to collect groundwater level and water quality data as part of the operation of their Round Mountain Desalter in order to manage the groundwater basin appropriately for optimal production. The other three projects in the proposal are not specifically groundwater management, groundwater recharge or projects with significant potential groundwater impact but overlie groundwater basins with groundwater management plans as follows. The Ventura County Regional Urban Landscape Efficiency (R-1) project has some agencies that overlie the FCGMA groundwater basin as do portions of The Nature Conservancy???s (TNC) Natural Floodplain Protection Program (NFPP) (SC-7) project area. The TNC NFPP project area also overlies portions of the Piru/Fillmore groundwater basins. The Ojai Valley Land Conservancy???s Ojai Meadows Ecosystem Restoration Project (V-5) overlies the Upper Ventura River Groundwater Basin. A Groundwater Management Plan for the Upper Ventura River Groundwater Basin is in its early stages and a draft report ???Upper and Lower Ventura River Basin Groundwater Budget and Approach for a Groundwater Management Plan??? were submitted to the Ventura County Watershed Protection District in August 2010. (http://www.venturariver.org/2010/10/ventura-river-groundwater-management.html)

Q15. ELIGIBILITY

Does the IRWM region receive water supplied from the Sacramento-San Joaquin Delta? Please answer yes or no. If no, please explain. If yes, please answer Question 16.

Yes

Q16. ELIGIBILITY

Does the existing IRWM Plan help reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

Yes, Attachment 15 is provided.

Q17. ELIGIBILITY

If an update to the plan takes place in the near future, will the updated plan continue to reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

Yes, Attachment 15 is provided

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

A1. ATTACHMENT 1

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att1_IG1_Eligible_1of5.pdf

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments: Att1_IG1_Eligible_5of5.pdf

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments: Att1_IG1_Eligible_4of5.pdf

A2. ATTACHMENT 2

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att2_IG1_Adopt_1of1.pdf

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Last Uploaded Attachments:

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

A3. ATTACHMENT 3

Upload the Work Plan here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att3_IG1_WorkPlan_1of1.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Att3_IG1_WorkPlan_2of5.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Att3_IG1_WorkPlan_3of5.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Att3_IG1_WorkPlan_5of5.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Att3_IG1_WorkPlan_4of5.pdf

A4. ATTACHMENT 4

Upload the Budget here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att4_IG1_Budget_1of1.pdf

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

A5. ATTACHMENT 5

Upload the Schedule here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments:

Upload additional schedule components here.

Last Uploaded Attachments: Att5_IG1_Schedule_1of1.pdf

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

A6. ATTACHMENT 6

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att6_IG1_Measures_1of1.pdf

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

A7. ATTACHMENT 7

Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att7_IG1_WSBen_1of1.pdf

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

A8. ATTACHMENT 8

Upload Water Quality and Other Expected Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att8_IG1_WQOtherBen_1of1.pdf

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Section : Application Attachments Tab (cont)

APPLICATION ATTACHMENTS TAB (CONT)

A9. ATTACHMENT 9

Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att9_IG1_DReduc_1of2.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Last Uploaded Attachments: Att9_IG1_DReduc_2of2.PDF

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

A10. ATTACHMENT 10

Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att10_IG1_BSummary_1of1.pdf

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

A11. ATTACHMENT 11

Upload Program Preference documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att11_IG1_Preference_1of1.pdf

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

A12. ATTACHMENT 12

Upload Disadvantaged Community Assistance documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att12_IG1_DAC_1of3.pdf

Upload additional Disadvantaged Community Assistance documentation here.

Last Uploaded Attachments: Att12_IG1_DAC_2of3.pdf

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

Last Uploaded Attachments: Att12_IG1_DAC_3of3.pdf

A13. ATTACHMENT 13

Upload AB 1420 and Water Meter Compliance documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att13_IG1_AB1420+Meter.pdf

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional AB 1420 and Water Meter Compliance documentation here.

A14. ATTACHMENT 14

Upload Consent Form here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att14_IG1_Consent_1of1.pdf

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

A15. ATTACHMENT 15

Upload IRWM Plan - Reduce Delta Water Dependence documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin). For the "AttachmentName" in the naming convention of BMS, use "Delta" for this attachment.

Last Uploaded Attachments: Att15_IG1_Deltawater_1of1.pdf

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.